

## volzElektro 11597



volzElektro 11597 is manufactured from PET Film / staggered mesh glass filament film coated acrylic adhesive. With high adhesion and breaking strength. Especially suited for heavy duty air and oil filled transfer applications, Reinforcements, holding and separating ground insulation. Excellent heat resistance up to 155°C. Its flexible fibres provide a very good longitudinal and transverse tensile strength including resistance against tearing and breaking when bent.

### Nominal Values

|                               |  |
|-------------------------------|--|
| <b>Backing</b>                | PET Film, Glass Filament   |
| <b>Backing Thickness</b>      | 0,110 mm   |
| <b>Adhesive Type</b>          | Acrylic  |
| <b>Total Thickness</b>        | 0,180 mm   |
| <b>Insulation Class</b>       | F 155°C (DIN EN 60085, OANZ2 & OANZ8)  |
| <b>Color</b>                  | Clear (00)   |
| <b>Adhesion to Steel</b>      | 9,80 N/25 mm   |
| <b>Tensile Strength</b>       | 980,00 N/25 mm   |
| <b>Elongation at Break</b>    | 12%  |
| <b>Dielectric Strength</b>    | 6500 V   |
| <b>Temperature Resistance</b> | -20°C to +155°C  |
| <b>UL-File #</b>              | E338128  |
| <b>Length</b>                 | 55 m, other lengths upon request   |
| <b>Width</b>                  | 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 975 mm, other widths upon request |
| <b>Storage Life</b>           | The material can be stored at room temperature for at least 12 months.                         |
| <b>Effective</b>              | 11 February 2021   |

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### Applications

- Suited for heavy duty air and oil filled transfer applications
- Reinforcements, holding and separating ground insulation
- Slot edging
- Bundling motor and transformer coils

### Benefits

- High Adhesion and Tear Strength
- Holding and separating ground insulation
- Excellent Heat Resistance up to 155°C
- Good Oil Resistance

### Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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